

## EAST Search History

10/668,651

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L25	0	(counter AND comparator AND "XOR" AND fail count storage AND most fail AND first memory element AND second memory element AND redundant memory element AND self test circuitry AND repair defective memory AND rows AND columns AND "MUX" AND multiplexer AND fault detection circuitry AND count compare circuitry AND memory element AND BIST AND ABIST AND AST).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/13 16:06

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	28297	714/718 or 714/704 or 714/736 or 714/819 or 714/710 or 714/723 or 714/? or 365/200 or 365/201 or 365/? or 714/706 or 714/733 or 714/734 or 714/30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 15:39
L2	208	(multiplex\$3 or MUX or selector\$1 or switch\$3 or control\$4) same (memory ouptut\$ or memory element\$1 or memory array or memory bank\$1) same (fault detection circuit\$2 or "XOR" or "exclusive OR\$3")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 15:31
L4	5	(error count\$3) and ((number failure\$1) same (memory element\$1 or memory bank\$1 or memory cell\$1 or memory array))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 15:36
L5	1	I2 and I4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 15:36
L6	3	I1 and I4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 15:40
L7	80	detect\$3 and (most failed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 15:40
L10	2	(compar\$3 or "XOR\$3" or "exclusive OR\$3") same (number fail counted)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 15:43

## EAST Search History

L11	2	(compar\$3 or "XOR\$3" or "exclusive OR\$3") same ((number fail counted) or counted fail number\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 15:43
L12	2	l10 or l11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 15:43
L17	1	l12 and l1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 15:47
L18	179	(replac\$4 or substitut\$3 or map\$4 ) same ((failed element\$1 or failed memory or failed cell\$1) same (spare or redundant element))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 15:49
L19	2	l18 and l7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 15:51
L20	1	l18 and l6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 15:52
L21	5	l18 and (l2 or l4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 16:00

## EAST Search History

L22	3	I21 and I1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 15:59
L23	28330	714/710 or 714/711 or I1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 16:00
L24	3	I23 and I21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/13 16:00